

eBook 2026 1H
Success Stories

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Seamless WiFi for Every Space and User

Connect business anywhere with future-ready wireless solutions.

- Proven WiFi 7 and WiFi 6 performance for dense, high-demand environments
- Reliable coverage in challenging spaces like thick walls, metal shelving, and outdoor areas
- Zero-touch provisioning for quick, large-scale multi-site rollout

Discover Smart Wireless >>





The Backbone Behind Every Connection

Power your business with Zyxel Networks' Multi-Gig switch solutions.

- High-density PoE support for large-scale WiFi 7 AP deployments
- 100G backbone and low-latency AVoIP for bandwidth-intensive operations
- Reliable multi-site deployment with built-in redundancy and failover

Empower Your Backbone >>

The Smartest Defense in Your Network

Protect what matters most with Zyxel Networks' AI-powered cloud cybersecurity.

- AI-driven security that stays one step ahead
- Maximum protection, zero performance compromise
- Always-on, cloud-updated protection for the modern workspace
- Centralized security visibility and analytics for faster threat detection

Secure Your Network >>



Level Up with AI-Driven Network Management

The Nebula secure cloud networking solution enables management automation across multiple locations while ensuring robust network security. [Learn More >>](#)



**Wireless
Health**



WiFi Aid



**AP Load
Balancing**



Managing Cross-Org Networks with the Nebula MSP Pack

Featuring **standardized configuration templates** and **automated license tracking**, Nebula reduces deployment and license management time while minimizing human errors for all clients.

Scale Your Services >>



I EDUCATION

Empowering Future-Ready Learning

See how global educational institutions leverage Zyxel Networks' solutions to support immersive 3D learning, connect thousands of students, and simplify campus-wide network management.





Ramón Izquierdo Salesian School



Industry

Education



Location

Badajoz, Spain



Products

- Access Point
- Switch

“The integration of the firewall, including content filtering and application control, allows us to guarantee a secure digital environment for our students, preventing inappropriate access and ensuring safe and responsible online behavior within the school.”

Juan José Galván Flores
Ramón Izquierdo Salesian School

Helping Education Shine with Secure and Efficient Cloud Networks

Challenges

The school needed to create a secure network environment for students and the digital resources they use to support a comprehensive and up-to-date educational experience. A key challenge was delivering wide, seamless WiFi coverage across the school's four buildings, the theater, and the youth center, with plans to extend coverage to the sports pavilion in the near future.

Results

- ✓ Seamless, reliable campus WiFi enhances digital learning experiences
- ✓ Strong cybersecurity protection blocks unauthorized and harmful access
- ✓ Improved IT efficiency through faster issue detection and resolution
- ✓ Simplified operations via centralized cloud management

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I.K. Gujral Punjab Technical University



Industry

Education



Location

Punjab, India



Products

- Access Point
- Switch

Delivering Reliable, High-Speed Connectivity for 3,000+ Students

Challenges

The university's three hostels adopted separate networks that could not handle growing traffic from over 3,000 students. Peak hours caused congestion, service drops, and slow speeds, affecting study and daily use. Lack of central visibility slowed troubleshooting. Rapid digital growth required a scalable network to support current and future needs.

Results

- ✓ 70% boost in network speed and stability across all hostels
- ✓ 99.9% system availability supported by a robust fiber-ring backbone
- ✓ Full WiFi coverage with 75 access points serving 3,000+ students simultaneously
- ✓ 65% reduction in IT management workload through the unified Nebula cloud platform

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Self-Study Prep Academy



Industry

Education



Location

Gwangmyeong City, South Korea



Products

- Access Point
- Switch
- Firewall

Creating a Secure, Reliable and Distraction-Free Learning Space

Challenges

The academy required stable WiFi to support high user density across reading rooms and lecture halls, where students occasionally experienced outages during online lectures. It also needed to restrict access to non-educational content such as social media, games, and streaming platforms. In addition, separating student and faculty networks was essential to ensure security, efficiency, and stable backbone bandwidth for operations.

Results

- ✓ High-density WiFi with 10G backbone across the academy
- ✓ Enhanced security through separated student and faculty networks
- ✓ Distraction-free learning by blocking non-learning websites and applications
- ✓ Real-time visibility, monitoring, and rapid issue resolution via the cloud

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Industry

Education



Location

Seoul, South Korea



Products

- Access Point
- Switch
- Firewall

Transforming Fire Safety Training and Enhancing Cybersecurity

Challenges

As fire safety training shifts toward digital and immersive learning, the institute faced rising demand for 3D training applications delivered via smart devices and whiteboards. The existing network could not support heavy usage, resulting in slow connections, outages, and disrupted learning experiences. Fragmented networks and inconsistent configurations reduced network visibility, troubleshooting efficiency, and stability.

Results

- ✓ Advanced wireless learning environment for 73 training centers
- ✓ Prevention of network failures caused by incorrect router connections
- ✓ Realistic 3D hands-on training on PCs and smart devices
- ✓ Interactive content that makes firefighting knowledge easy to learn

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I HOSPITALITY

Creating Premium Guest Experiences

Great guest experiences start with seamless connectivity. Discover how Zyxel Networks helps hotels and resorts deliver reliable and secure connectivity from check-in to check-out.





JW Marriott Maldives Resort & Spa



Industry

Hospitality



Location

Maldives



Products

- Access Point
- Switch

The Zyxel Nebula cloud networking solution has made managing all access points, switches, and their configurations extremely easy. It has simplified our operations and improved the overall network reliability.”

Dilanka Adikari, Senior IT Specialist
JW Marriott Maldives Resort & Spa

Delivering Seamless Connectivity for Maldives Resort & Spa

Challenges

Designing reliable connectivity for the staff accommodation was challenging because of metal-panel walls that weakened WiFi signals and caused unstable in-room coverage. Also, the large, multi-building environment required stable high-density connectivity, extended outdoor coverage, and simplified network management of numerous access points through centralized network control.

Results

- ✓ Seamless indoor and outdoor WiFi experience across all living areas
- ✓ Centralized cloud management for real-time monitoring and control
- ✓ Scalable, high-density network supporting large-scale deployment

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Mayur Simran Hotel



Industry

Hospitality



Location

Punjab, India



Products

- Access Point
- Switch
- Firewall

“With the Nebula solution, we have seamless connectivity across all rooms and areas, along with the confidence of a secure and stable network. It has significantly improved our guest experience and made our daily operations much more efficient.”

Gunan Kakkar, Director
Hotel Mayur Simran

Powering a Digital-First Guest Experience via Nebula Cloud Solution

Challenges

Hotel Mayur Simran required a network infrastructure from scratch after expanding into a full-scale hotel. The key challenge was delivering seamless WiFi coverage across fifty rooms, corridors, and common areas without dead zones. The network also had to support multiple devices with stable performance during peak occupancy and deliver strong security and centralized management without dedicated IT resources.

Results

- ✓ 99% WiFi coverage across all 4 floors with no dead zones
- ✓ Up to 40% improvement in network performance efficiency
- ✓ Seamless multi-device connectivity for every guest
- ✓ Simplified management with faster issue resolution via the cloud

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Lifestyle Hotel in Gangnam



Industry

Hospitality



Location

Seoul, South Korea



Products

- Access Point
- Switch
- Firewall

Ensuring Smooth Operations and Premium Hotel Guest Experience

Challenges

The hotel needed a high-performance and reliable wireless network to support guest connectivity, mission-critical services and streaming across different areas. High-density areas required stable connections for many simultaneous users, while guest rooms demanded a cost-effective solution. Heavy traffic also raised performance and security concerns, making simplified management, real-time monitoring, and troubleshooting essential.

Results

- ✓ Continuous hotel operations and guest services through High Availability (HA)
- ✓ Seamless roaming and optimized wireless performance across the hotel
- ✓ Enhanced network security and traffic efficiency via VLAN and WiFi isolation
- ✓ Simplified remote network monitoring and centralized management

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MSP/SYSTEM INTEGRATION

Simplifying Complex Network Operations

Discover how MSPs and system integrators streamline multi-site deployments, automate network management, and deliver scalable, efficient solutions in diverse environments.





Industry
MSP



Location
Le Coteau, France



Products
• Nebula MSP Pack

“The Zyxel Networks Nebula MSP Pack has been instrumental in helping us automate our new deployments while staying aligned with our internal processes. It’s allowed us to save valuable time and avoid human errors.”

Mathieu ARSALE
IT & Telephony Business Unit Manager
Elan

Streamlining Client Network Management with Nebula MSP Pack

Challenges

Elan struggled with the growing complexity of managing multiple client networks. Manual configurations, site-by-site deployments, and license tracking took time and increased the risk of errors. The company needed a scalable, automated solution to improve efficiency, standardize installations, maintain service consistency, and support business growth while meeting clients’ expectations.

Results

- ✓ Deployment and configuration times reduced by 50%
- ✓ Centralized dashboard eliminated repetitive, site-by-site management
- ✓ The PAYG model freed administrative and technical resources
- ✓ Improved customer satisfaction and scalability for future growth

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BCT NetCom GmbH



Industry

ICT Systems Integration



Location

Seuzach, Switzerland



Products

- Firewall

“With Nebula, we can proactively address our customers’ needs, making us a reliable partner for the future. Nebula also simplifies device and license management, allowing us to spot expiring licenses early and take action without creating any security gaps.”

Philipp Balogh, Owner
BCT NetCom GmbH

Elevating Network Management to a New Level with Nebula Solution

Challenges

As a solution provider, BCT NetCom previously faced operational challenges in managing a large number of firewalls. Without a flexible platform to keep pace with growing complexity, the company needed a solution to streamline workflows, improve efficiency, and ensure scalable network management as system demands continued to increase across deployments.

Results

- ✓ Simplified operations and reduced support effort across the entire network
- ✓ Faster issue detection, proactive network troubleshooting, and reduced downtime
- ✓ Standardized device settings for consistent deployments with less manual maintenance
- ✓ AI-powered cloud cybersecurity for secure networking and proactive threat protection

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Industry

ICT Systems Integration



Location

Taipei, Taiwan



Products

- Switch

Creating High-Impact, Advanced AVoIP Conference Experiences

Challenges

To showcase its latest solutions, SENICT needed a high-performance audiovisual environment with high-bandwidth AV transmission, ultra-low latency, and synchronized real-time applications for seamless demonstrations. The network also had to support future expansion, device compatibility, and secure shared traffic through efficient management and strong access control to ensure stable operations.

Results

- ✓ Stable, low-latency 4K60 AV over IP transmission for high-quality demonstrations and collaborative meetings
- ✓ Scalable architecture supporting future expansion without major rewiring
- ✓ Enhanced data security through network separation and access control

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INDUSTRIES WE ALSO SERVE

Powering Critical Real-World Operations

See how Zyxel Networks powers secure, high-performance connectivity across **entertainment, government, manufacturing, real estate, retail,** and **mission-critical environments** worldwide.





Grieghallen



Industry

Entertainment



Location

Bergen, Norway



Products

- Access Point
- Switch

“Zyxel Networks’ WiFi 7 access points and multi-gig switches, managed through the Nebula cloud platform, delivered exactly what we needed. The transition was smooth and now we have fast, stable internet, even in our busiest areas.”

Trond Olav Strømme, Technical Director
Grieghallen

Hitting the Right Note with a Futureproof Network

Challenges

Grieghallen’s existing network faced limited coverage, inconsistent bandwidth, and operational interruptions affecting staff workflows and audience experiences. High-density events, evolving technology needs, and rising cybersecurity demands further increased pressure on the network. The venue required reliable connectivity, strong security, and easier management to support operations and scalability.

Results

- ✓ High-speed, futureproof WiFi 7 to support today’s operations and tomorrow’s demands
- ✓ Seamless coverage during large events
- ✓ Segmented networks protect sensitive data across guests, staff, operations, and critical systems
- ✓ Cloud-based management simplifies maintenance and reduces troubleshooting by 50%

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Perfumerias Ana



Industry

Retail



Location

Sevilla, Spain



Products

- Access Point
- Switch
- Firewall

“The new projects helped us unify and modernize our WiFi infrastructure and perimeter security. With the Nebula cloud networking solution, we’ve streamlined the management of our organization’s firewalls and WiFi access points.”

David Gómez Pérez, CIO
Perfumerias Ana

Enhancing Retail Operations with Secure and Futureproof Network

Challenges

The company needed to replace its firewall infrastructure for internal and external communications under a strict zero-impact requirement. It also had to upgrade its WiFi network to support an upgraded security design with higher speeds, greater flexibility, and enhanced security. Growing internal processes required more bandwidth, along with easier cloud management and a strong price-to-value ratio for license renewals.

Results

- ✓ 2× bandwidth capacity
- ✓ Up to 5× faster network speeds
- ✓ 2× productivity across offices and warehouse operations
- ✓ 50% to 60% latency reduction
- ✓ Downtime reduced by nearly 100%

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Tihany Abbey



Industry

Religious organization



Location

Tihany, Hungary



Products

- Access Point
- Switch
- Firewall

“With the Zyxel Networks solution, we can use a reliable, high-coverage WiFi network in all public spaces and work areas, 24/7. This ensures meetings, financial processes, and other business applications run smoothly.”

Zoltán Dobos, IT Business Manager
Tihany Abbey

Offering Reliable, Smart Wireless Connectivity in Sacred Spaces

Challenges

The abbey's network was slow, unreliable, and lacked coverage. Thick historic walls, frequent power outages, and restrictions on drilling made network installation difficult, while remote management was essential given the abbey's location and the dispersed nature of its buildings.

Results

- ✓ Smooth operation of meetings, financial processes, and daily administrative tasks
- ✓ Reliable connectivity for guests and monks across hospitality and monastic activities
- ✓ Robust network security protects against external threats
- ✓ Flexible, scalable network preserving the abbey's historic integrity

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Industry

Religious organization



Location

Illinois, USA



Products

- Access Point
- Switch
- Firewall

“The Zyxel hardware was easy to install and configure. We've seen a great improvement in stability and reliability. The new backbone is much faster, and everything just works the way it's supposed to.”

Collin Probst, Systems Director
Vale Church

Building a High-Performance Network for a Growing Congregation

Challenges

As Vale Church grew, its network struggled to keep pace with increasing demands from IP cameras, LED video walls, production equipment, and other connected devices. A mix of aging, multi-vendor hardware led to inconsistent WiFi coverage, limited visibility, and network management complexity. This made troubleshooting difficult and affected network reliability and daily operations.

Results

- ✓ High-performance wired backbone supporting media production and streaming
- ✓ Scalable infrastructure supporting 1,000+ connected devices during services
- ✓ Reduced IT complexity, centralized network visibility, and faster troubleshooting
- ✓ Future-ready infrastructure to support continued church growth

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Cloudsetu



Industry

Cloud & data center services



Location

Jaipur, India



Products

- Switch
- Firewall

“With the support of Zyxel Networks, we’ve built a stronger and more stable environment. We now have clear visibility into our network, better protection against cyberthreats, and the confidence to scale our services while continuing to deliver a dependable experience to our customers.”

Saurabh Sharma, Founder & Director
Cloudsetu Pvt Ltd.

Securing and Streamlining Multi-Cloud Data Center Networks

Challenges

Cloudsetu faced multiple interconnected challenges that threatened service quality and customer trust. Multiple data centers increased the attack surface, while insider threats from authorized users added risk. Separate logging systems raised costs and slowed incident response. No centralized visibility complicated compliance and audits. Also, single ISP dependency and distributed management limited availability and increased operational complexity.

Results

- ✓ Up to 25% faster threat detection and response with centralized logging and real-time security visibility
- ✓ Over 99.5% network availability is enabled by multi-ISP load balancing and automatic failover
- ✓ Around 20% reduction in IT operational effort through unified cloud management and simplified monitoring

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GEMEINDEHAUS

Municipality of Seuzach



Industry

Government



Location

Seuzach, Switzerland



Products

- Access Point

Enhancing Public Service Connectivity with Smart Cloud Solution

Challenges

The municipality of Seuzach faced the challenge of efficiently managing WiFi infrastructure across public facilities. Previously, each access point had to be configured and monitored individually, a process that was time-consuming and error-prone. This issue affected key facilities such as the town hall, library, youth center, swimming pool, and fire station, all of which rely on reliable, high-performance WiFi connections.

Results

- ✓ Simplified configuration, monitoring, and troubleshooting across 39 access points
- ✓ Real-time visibility and proactive monitoring improve network stability and experience
- ✓ Reduced operational workload, maintenance time, and overall IT management costs
- ✓ Scalable architecture supports future wireless expansion without complexity

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Tivoli Garden



Industry

Real estate



Location

Spreitenbach, Switzerland



Products

- Switch
- Firewall

Evolving Large Apartments into Connected Smart Communities

Challenges

The Tivoli Garden project aimed to deliver seamless smart living with centralized control of lighting, shading, ventilation, and heating across apartments. It integrated 483 KNX lines and over 10,000 devices into a unified system. Planners managed 445 databases and 80,000 group addresses, requiring precise configuration and stable network connections supporting more than 1,000 devices simultaneously.

Results

- ✓ Segmented networks with VLANs and IGMP-enabled multicast routing, ensuring smooth KNX IP communication
- ✓ Integrated VPN and SD-WAN security across the network via the firewall
- ✓ Scalable, stable, and secure smart home infrastructure, seamless control of all connected systems across 445 apartments

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Academic research institution



Industry

Academic research



Location

Taipei, Taiwan



Products

- Access Point
- Switch

Building a Smart Academic Network with the 100G Switch

Challenges

The academic institution faced networking challenges as heavy data usage exceeded the existing network's capacity, slowing data exchange across campus. Wide office and research areas experienced weak wireless coverage and dead zones, leading to unstable connectivity. High-density device usage further strained the network. With no dedicated IT staff, the institution required an effortless management solution.

Results

- ✓ Robust and stable core network for high-speed, large-scale data transmission
- ✓ Flexible connectivity and PoE support ensure reliable endpoint operation
- ✓ High-capacity WiFi 7 environment for multiple simultaneous connections
- ✓ Simplified network monitoring, faster troubleshooting, and enhanced security

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Citizens' Plaza



Industry

Government



Location

Pocheon, South Korea



Products

- Access Point
- Switch
- Firewall

Turning Citizens' Plaza into a Smart, Seamlessly Connected Space

Challenges

To build a stable outdoor WiFi environment, a key challenge was maintaining stable connectivity in high-density environments with 200 to 300 users during large-scale events. The network also needed seamless coverage across a wide outdoor area without dead zones and durability under rain and temperature changes, while limited cabling required a flexible, scalable deployment solution for expansion.

Results

- ✓ Supports 200 to 300 simultaneous users in high-density environments and delivers full-plaza coverage seamlessly
- ✓ Reliable performance in extreme weather conditions lowers maintenance risks
- ✓ Simplified network expansion with plug-and-play deployment and centralized management

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Leading EMS Company



Industry

Manufacturing



Location

Taiwan



Products

- Switch

Improving Operational Efficiency in Smart FMCS Center

Challenges

As the FMCS monitoring center took shape, high-resolution audio and video transmission demanded high bandwidth, stability, and ultra-low latency to maintain precise synchronization. The network also needed to support future expansion without major infrastructure changes. Besides, true 4K60 AVoIP visualization required a flexible video wall capable of supporting multiple display layouts.

Results

- ✓ High-quality 4K60 AV transmission with stable, low-latency performance
- ✓ Centralized control and monitoring of multiple subsystems
- ✓ Scalable, future-proof network design supporting expansion without rewiring
- ✓ Simplified and efficient deployment and management via an intuitive user interface

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Industry

Microfinance



Location

Cebu, Philippines



Products

- Access Point
- Switch
- Firewall

Connecting Microbusinesses to Drive Growth and Social Impact

Challenges

The microfinance foundation's network struggled to keep pace with nationwide expansion, exposing issues in centralized connectivity, CCTV troubleshooting, and performance. Slow speeds and occasional outages disrupted daily operations, while managing multiple sites added significant complexity. High licensing renewal costs further increased pressure. The foundation required a scalable solution ensuring consistent performance across all locations.

Results

- ✓ Fast deployment across over 100 sites within four weeks without on-site setup
- ✓ 80% reduction in troubleshooting and configuration time, and 50% lower maintenance and connectivity costs
- ✓ Secure cross-site connectivity with easy AutoVPN setup and management
- ✓ Reliable CCTV monitoring and operations with smart surveillance switches



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